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| Book Name: | [Chemical and Materials Sciences: Research Findings](https://www.bookpi.org/bookstore/product/chemical-and-materials-sciences-research-findings-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4519** |
| Title of the Manuscript: | **3D Cobalt-MOF/CNF Assemblies as Bifunctional Electrocatalysts for Efficient Water Splitting in Alkaline Media** |
| Type of the Article | **BOOK CHAPTER** |

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| **PART 1: Comments** | | |
|  | **Reviewer’s comment**  **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | The results presented in this manuscript have the potential to inform future research directions, improve the structural stability and efficient charge transfer characteristics, and ultimately contribute to the broader knowledge base within the scientific community. This research is expected to be of significant interest to researchers in water splitting efficiency and beyond. This manuscript presents novel findings that significantly advance our understanding of 3D Cobalt-MOF/CNF Assemblies as Bifunctional Electrocatalysts for Efficient Water Splitting in Alkaline Media. By improving the electrocatalytic activity, this work addresses a critical gap in the current literature and offers valuable insights into effectively as a bifunctional catalyst for overall water splitting. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes, the title of the article is suitable. |  |
| **Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.** | Yes, the abstract of the article is comprehensive but can add the result of sample characterization such as FTIR, XRD, Raman and SEM result. |  |
| **Is the manuscript scientifically, correct? Please write here.** | Yes, it is. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | Yes, the references are sufficient and recent. |  |
| **Is the language/English quality of the article suitable for scholarly communications?** | Yes, it is. |  |
| **Optional/General** comments | Overall is good. The suggestion/comment is written in the manuscript. |  |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |

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| **Reviewer Details:** | |
| Name: | **Norliza Dzakaria** |
| Department, University & Country | **Universiti Teknologi Mara, Malaysia** |